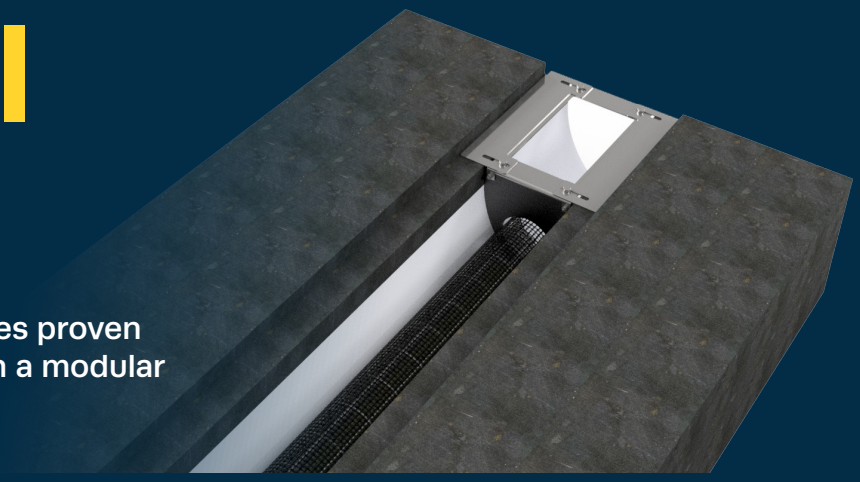
TrenchPod™
Trench Drain Filter

Trash Full Capture



TrenchPod™ trench drain filter combines proven stormwater treatment technology with a modular trench drain design.

TRASH FULL CAPTURE
Compliant California Trash Full Capture mesh.

EASY INSTALLATION
Lightweight filter that installs directly into trench channel.

BUILT TO LAST
Durable stainless-steel and high-strength plastics.

TrenchPod™ is specifically engineered to meet California State Water Board Full Trash Capture (FTC) requirements, preventing trash and gross pollutants from entering downstream stormwater systems.

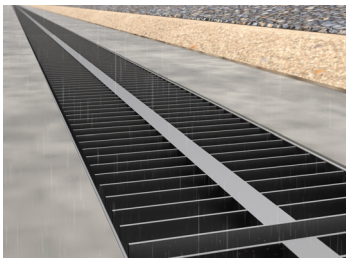
Designed for retrofit or new construction, the EnviroPod™ TrenchPod™ trench drain filter is compact, easy to install, and simple to maintain – making it a practical solution for municipalities, engineers, and contractors.



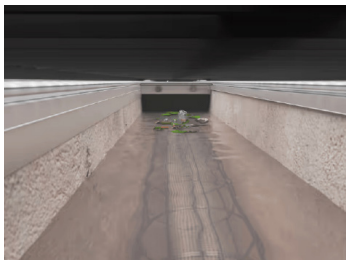
APPLICATIONS

- Urban plazas, commercial and industrial areas.
- Maintenance yards, loading bays, and railway yards.
- Roadways and footpaths.

Scan to learn more
enviropod.com







ENVIROPOD™

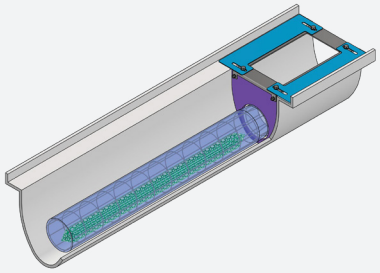
Toll Free: (877) 651-0566 | www.enviropod.com

SIZING

Offered in modules to fit trench widths ranging from 4.5 to 12″ (112–300mm). Compatible with typical trench depths ranging from 4.5″ to 16″, depending on width (112–400 mm).

Custom units available for other sizes.

Standard 3′ length segments in a modular design that can be adapted for various layouts.



PERFORMANCE & ROUTING

The 5mm filter liner meets California Water Board Trash Full Capture requirements, with advanced options for smaller particles such as nurdles and sediment.

Optional enhancements include liner variants for targeted sediment or plastic pellet capture or LavaSorb for enhanced hydrocarbon or cooking oil capture.

INSPECTION & MAINTENANCE

INSPECTION:

Every 6–12 months, depending on site conditions and pollutant load.

SERVICING:

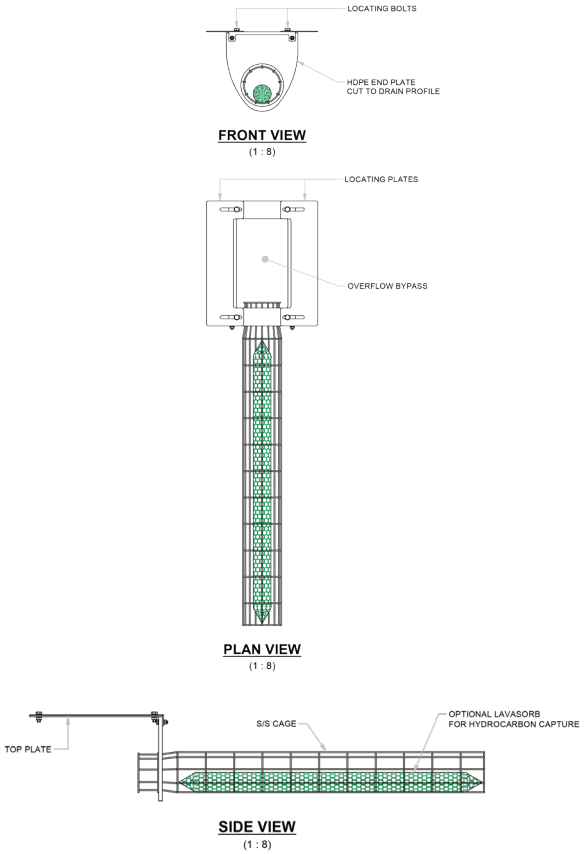
Maintain filter basket manually by lifting by hand or clean with a vacuum truck.

Replace enhancements as required.

RECORD KEEPING:

Maintenance records should be retained for compliance reporting where required.

TECHNICAL DRAWINGS



Note: These views are generic representations based on standard trench drain filter configurations. Specific dimensions and configurations may vary.

TECHNICAL SPECIFICATION

Model Number	Cage Diameter (in)	Cage Length (in)	Flow Rate[1] (CFS)	Capture Volume in 10′ Drain[2] (ft³)	Capture Volume in 20′ Drain[2] (ft³)	Bypass Flow Rate[3] (CFS)
USA–TP–100	4	36	0.28	3.56	7.86	0.69
USA–TP–150	6	36	0.56	4.19	9.58	1.08

1. Flow Rate is calculated as to the top of the grate elevation in an 8″ deep channel

2. Capture volume is based on a square bottom trench drain 8″ tall and 4″ wider than cage diameter at 50% capacity

3. Bypass Flow Rate is calculated with 4″ depth above bypass